

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/495,947

DATE: 06/05/2000  
TIME: 10:41:03

Input Set : A:\527001a1.app  
Output Set: N:\CRF3\06022000\I495947.raw

3 <110> APPLICANT: Coleman, Timothy P.  
4 Peterson, Darrell L.  
6 <120> TITLE OF INVENTION: Advanced Antigen Presentation Platform  
8 <130> FILE REFERENCE: 05270001ta  
10 <140> CURRENT APPLICATION NUMBER: 09/495,947  
11 <141> CURRENT FILING DATE: 2000-02-02  
13 <150> PRIOR APPLICATION NUMBER: US 60/118,526  
14 <151> PRIOR FILING DATE: 1999-02-02  
16 <160> NUMBER OF SEQ ID NOS: 24  
18 <170> SOFTWARE: PatentIn Ver. 2.1  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 262  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Duck hepatitis B virus  
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27 1 5 10 15  
29 Asp Asp Phe Phe Pro Lys Ile Asp Asp Leu Val Arg Asp Ala Lys Asp  
30 20 25 30  
32 Ala Leu Glu Pro Tyr Trp Arg Ser Asp Ser Ile Lys Lys His Val Leu  
33 35 40 45  
35 Ile Ala Thr His Phe Val Asp Leu Ile Glu Asp Phe Trp Gln Thr Thr  
36 50 55 60  
38 Gln Gly Met His Glu Ile Ala Glu Ala Leu Arg Ala Val Ile Pro Pro  
39 65 70 75 80  
41 Thr Thr Thr Pro Val Pro Ala Gly Tyr Leu Ile Gln His Glu Glu Ala  
42 85 90 95  
44 Glu Glu Ile Pro Leu Gly Asp Leu Phe Lys His Gln Glu Glu Arg Ile  
45 100 105 110  
47 Val Ser Phe Gln Pro Asp Tyr Pro Ile Thr Ala Arg Ile His Ala His  
48 115 120 125  
50 Leu Lys Ala Tyr Ala Lys Ile Asn Glu Glu Ser Leu Asp Arg Ala Arg  
51 130 135 140  
53 Arg Leu Leu Trp Trp His Tyr Asn Cys Leu Leu Trp Gly Glu Ala Asn  
54 145 150 155 160  
56 Val Thr Asn Tyr Ile Ser Arg Leu Arg Thr Trp Leu Ser Thr Pro Glu  
57 165 170 175  
59 Arg Tyr Arg Gly Arg Asp Ala Pro Thr Ile Glu Ala Ile Thr Arg Pro  
60 180 185 190  
62 Ile Gln Val Ala Gln Gly Gly Arg Lys Thr Ser Ser Gly Thr Arg Lys  
63 195 200 205  
65 Pro Arg Gly Leu Glu Pro Arg Arg Lys Val Lys Thr Thr Val Val  
66 210 215 220  
68 Tyr Gly Arg Arg Arg Ser Lys Ser Arg Asp Arg Arg Ala Pro Ser Pro  
69 225 230 235 240  
71 Gln Arg Ala Gly Ser Pro Leu Pro Arg Ser Ser Ser His Arg Arg  
72 245 250 255

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74 Ser Pro Ser Pro Arg Lys
75                               260
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81 <213> ORGANISM: Duck hepatitis B virus
83 <400> SEQUENCE: 2
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85 ccaaaaattg atgatcttgt aagggatgcg aaggatgctt tagaacctta ttggagatca 120
86 gattcaataa agaacaatgt ttttaattgca actcactttg tggatcttat tgaagacttc 180
87 tggcaaaacta ctcaggggat gcatgaaata gctgaagcct taagagcagt tataccacct 240
88 actacaacac cagttccgcg aggatatctg attcagcacg aagaggctga ggagattcct 300
89 ctgggagatt tatttaaaca tcaggaagaa aggatagtta gtttccaacc ggattatcct 360
90 attactgcac gaattcatgc acacctgaaa gcttatgcaa agattaacga ggaatcactg 420
91 gatagggcta ggagattgct ttggtggcat tacaattggt tactgtgggg agaagctaac 480
92 gttactaatt atatttctcg gcttcgcact tggctatcaa cacctgagag atacagaggc 540
93 cgagatgccc caaccattga agcaatcact agaccaatcc aagtggctca gggaggcaga 600
94 aaaacatctt cgggtactag aaaacctcgt ggactcgaac ctagaagaag aaaagttaaa 660
95 accacagttg tctatgggag aagacgttca aagtcagggg ataggagagc cccttcacc 720
96 caacgtgcgg gctccctctc cccgcgtagt tcgagcagcc acagaagatc tccctcgct 780
97 aggaaa
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106 <223> OTHER INFORMATION: Description of Artificial Sequence:
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115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence:
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127 <211> LENGTH: 24
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence:
133     immunostimulating oligonucleotides
135 <400> SEQUENCE: 5
136 tcgtcgtttt gtcgttttgt cggt 24
139 <210> SEQ ID NO: 6

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153 <211> LENGTH: 24
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence:
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161 <400> SEQUENCE: 7
162 tcgtcggttt gtcgtttgt cggt                24
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168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
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175 tcgtcggtgt cggtttgtcg tt                22
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179 <211> LENGTH: 21
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
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187 <400> SEQUENCE: 9
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193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
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204 <210> SEQ ID NO: 11
205 <211> LENGTH: 19
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:

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210 <223> OTHER INFORMATION: Description of Artificial Sequence:  
211 immunostimulating oligonucleotides  
213 <400> SEQUENCE: 11  
214 tgtcgttggtc gttgtcgtt 19  
217 <210> SEQ ID NO: 12  
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227 tcgtcgtcgt cggtt 14  
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231 <211> LENGTH: 20  
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233 <213> ORGANISM: Artificial Sequence  
235 <220> FEATURE:  
236 <223> OTHER INFORMATION: Description of Artificial Sequence:  
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240 tcctgtcgtt ccttgcgtt 20  
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244 <211> LENGTH: 20  
245 <212> TYPE: DNA  
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248 <220> FEATURE:  
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253 tcctgtcgtt tttgtcgtt 20  
256 <210> SEQ ID NO: 15  
257 <211> LENGTH: 21  
258 <212> TYPE: DNA  
259 <213> ORGANISM: Artificial Sequence  
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263 immunostimulating oligonucleotides  
265 <400> SEQUENCE: 15  
266 tcgtcgtcgt ctgcccttct t 21  
269 <210> SEQ ID NO: 16  
270 <211> LENGTH: 21  
271 <212> TYPE: DNA  
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274 <220> FEATURE:  
275 <223> OTHER INFORMATION: Description of Artificial Sequence:  
276 immunostimulating oligonucleotides  
278 <400> SEQUENCE: 16  
279 tcgtcgtcgt tgcgtttct t 21

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282 <210> SEQ ID NO: 17
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284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
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292 tcgtcggtttt gtcgttttgc cggtt                24
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297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence:
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304 <400> SEQUENCE: 18
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308 <210> SEQ ID NO: 19
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310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
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315     immunostimulating oligonucleotides
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318 tgcgtttgtc gttgctgtt                19
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324 <213> ORGANISM: Artificial Sequence
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335 <211> LENGTH: 239
336 <212> TYPE: PRT
337 <213> ORGANISM: Duck hepatitis B virus
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343 Asp Asp Phe Phe Pro Lys Ile Asp Asp Leu Val Arg Asp Ala Lys Asp
344           20           25           30
346 Ala Leu Glu Pro Tyr Trp Arg Ser Asp Ser Ile Lys Lys His Val Leu
347           35           40           45
349 Ile Ala Thr His Phe Val Asp Leu Ile Glu Asp Phe Trp Gln Thr Thr
350           50           55           60

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VERIFICATION SUMMARY

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Input Set : A:\527001a1.app

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